
Abstract

Current/voltage converter arrangement

A current/voltage converter arrangement is proposed, in which a first switch device (T1) with a first diode (TD1) is provided between a first input terminal (TE1) of a primary side (TP) of a transformer device (T) provided and a first input terminal (E1) of an input region (E), in which a second switch device (T2) with a diode (TD2) is provided between a second input terminal (TE2) of the primary side (TP) and a second input terminal (E2) of the input region (E). The first and the second diode (TD1, TD2) are respectively in parallel with a first switch mechanism (TM1) of the first switch device (T1) and in parallel with a second switch mechanism (TM2) of the second switch device (T2) and formed in such a way that the respective switch mechanism (TM1, TM2) of the switch device (T1, T2) can in each case be bypassed in a controllable manner by means of an electrical conduction path, that the first switch device (T1) and the second switch device (T2) are formed in antiseriess with respect to one another, and that the first switch device (T1) and the second switch device (T2) can be switched on and/or off in a controlled manner, in a clocked manner with a comparatively high or higher switching frequency (v_{sw}) with respect to the input frequency (v_{in}), and in an alternative manner with respect to one another.

(Fig. 3)